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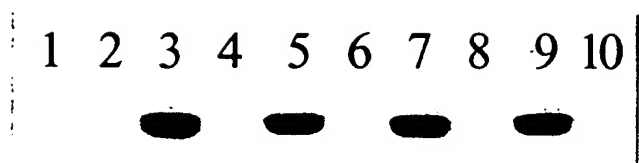


FIGURE 10

1 2 3 4 5 6

1 2 3 4 5 6 7 8 9 10 11 12 13 14



FIGURE 9

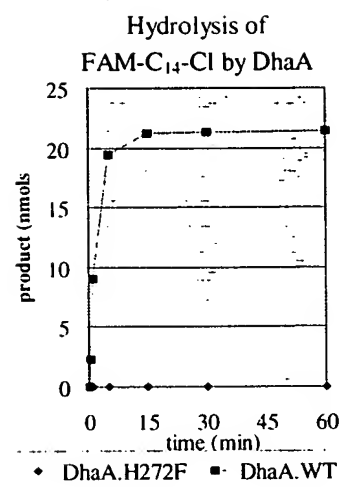
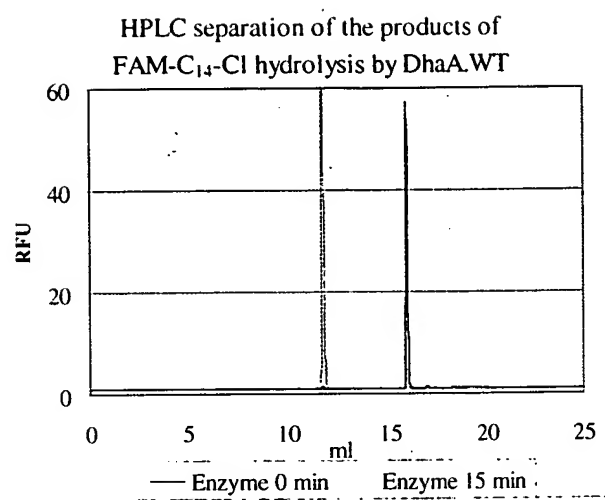


FIGURE 8



FIGURE 7

Substrate-specificity of DhaA.WT

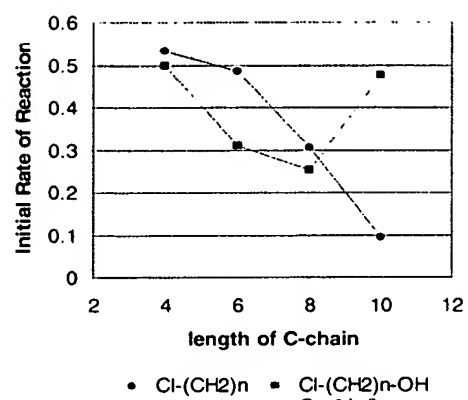


FIGURE 6

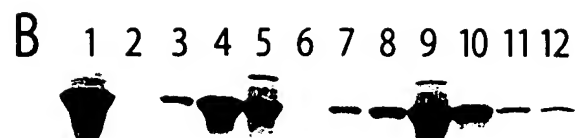
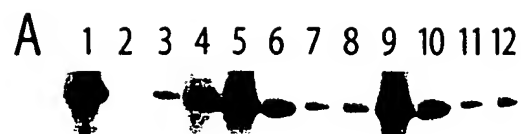


FIGURE 5

Effect of H283Q/G/A or F mutations on DhaA activity

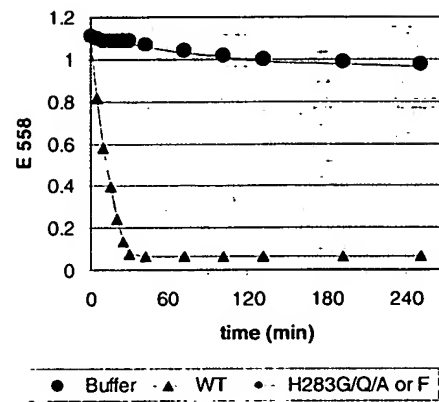


FIGURE 4

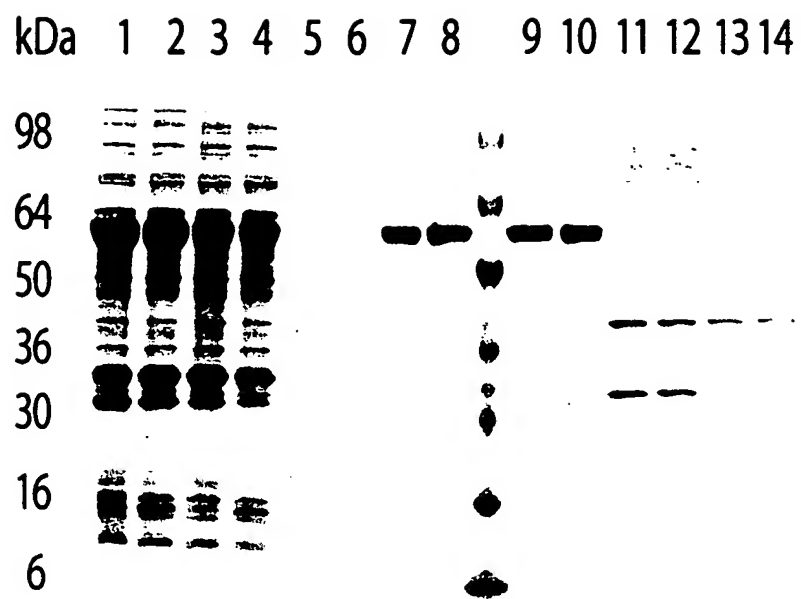
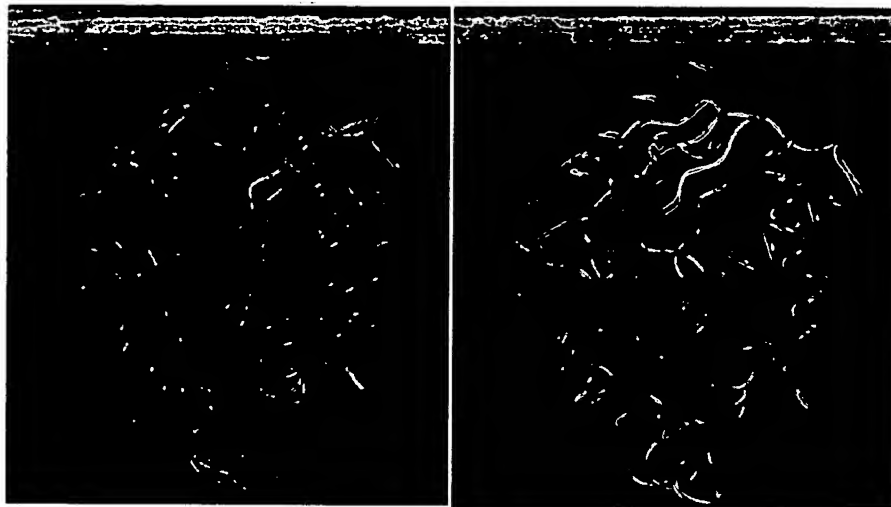


FIGURE 3

FIGURE 2



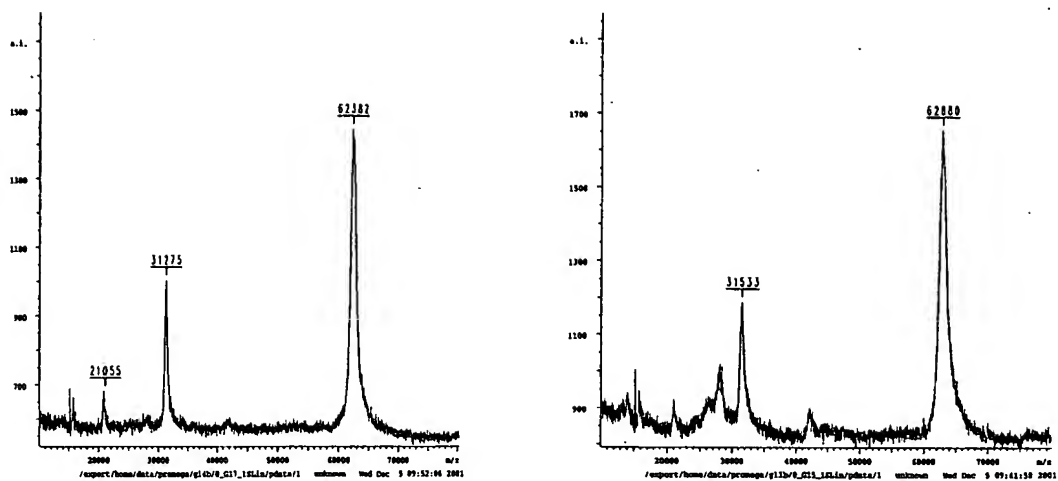


FIGURE 11

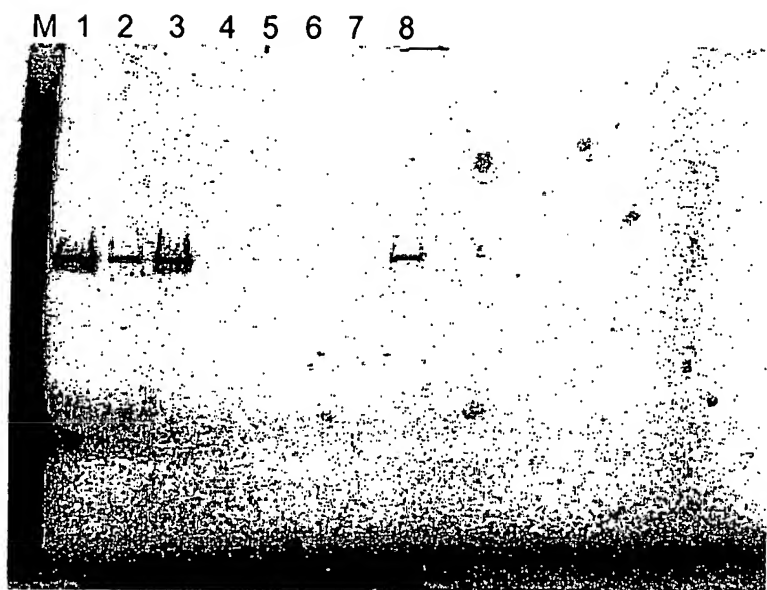


Fig 12

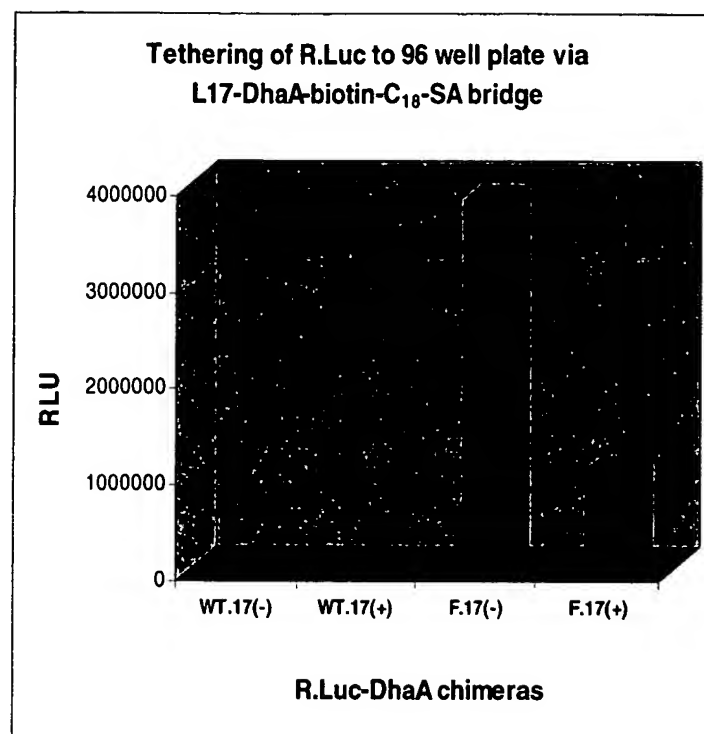


FIGURE 13

1 2 3 4 5 6 7



1 2 3 4 5 6 7 8

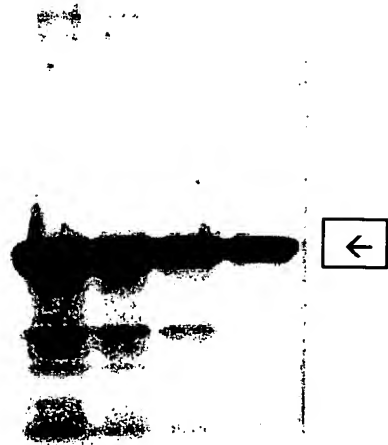


FIGURE 14

1 2 3 4 5 6 7 8



FIGURE 15

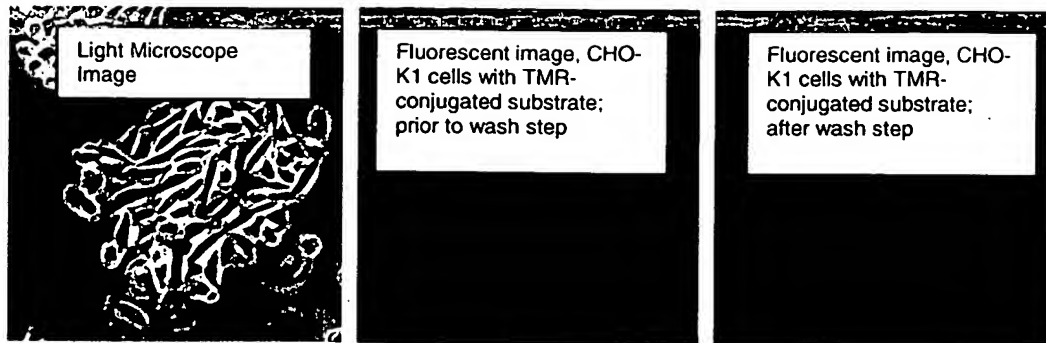


FIGURE 16

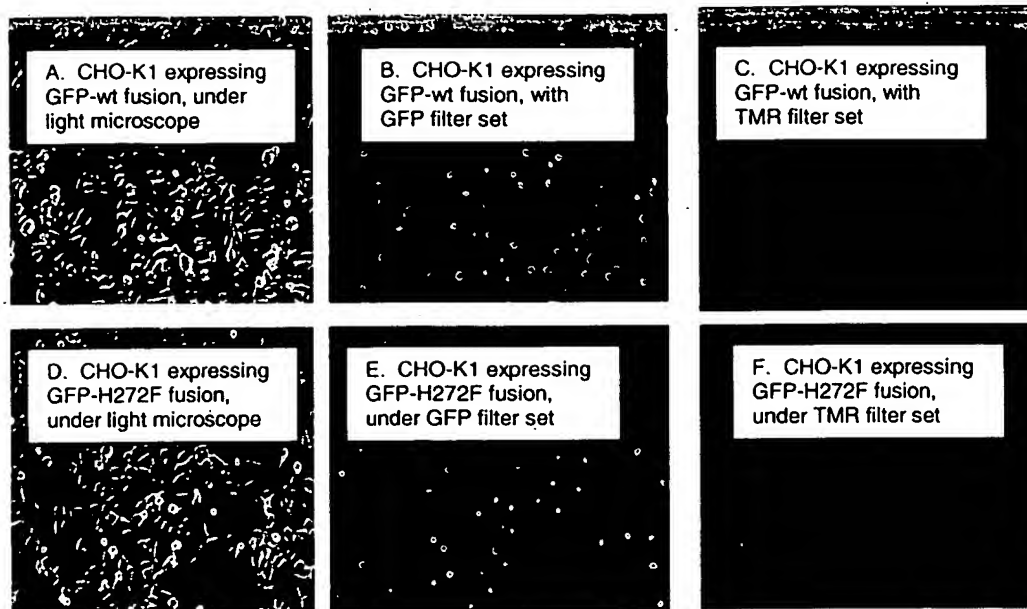


FIGURE 17

1 2 3 4 5 6 7 8

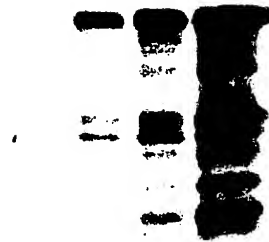
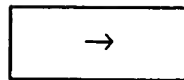


FIGURE 18

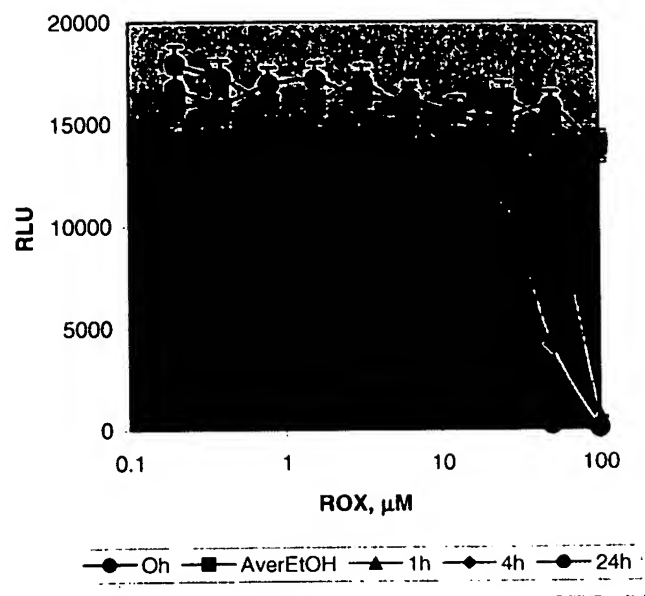
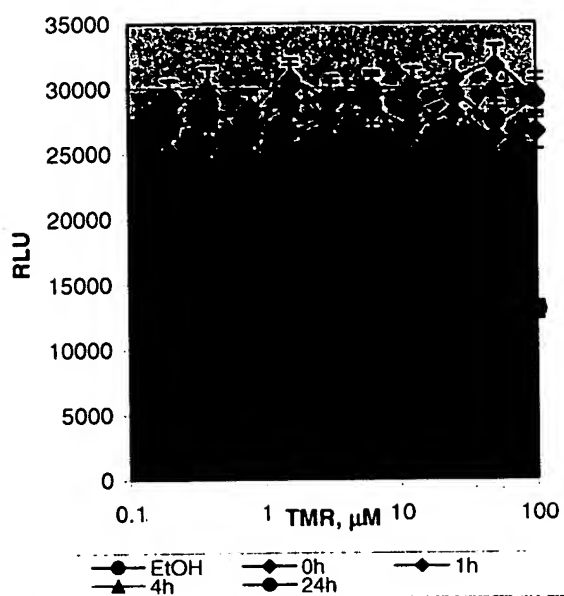


FIGURE 19

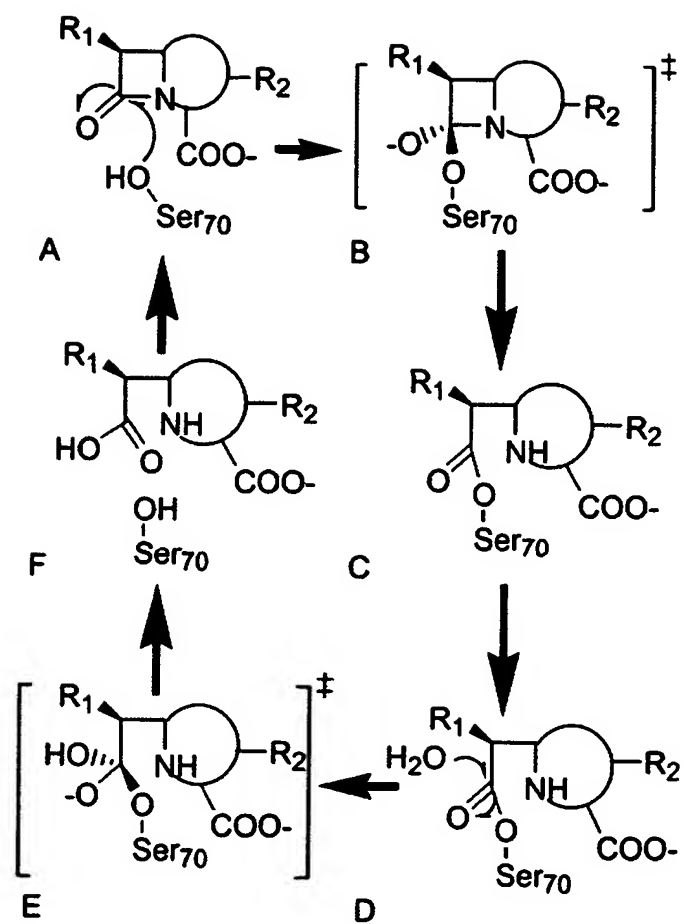


FIGURE 20

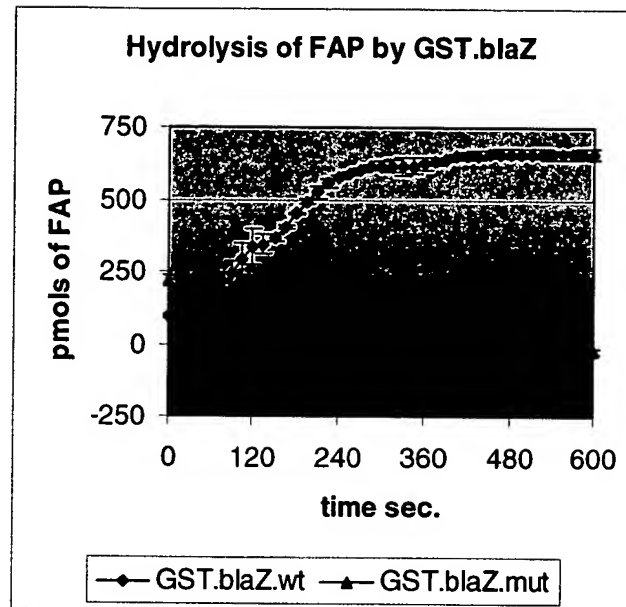


FIGURE 2)

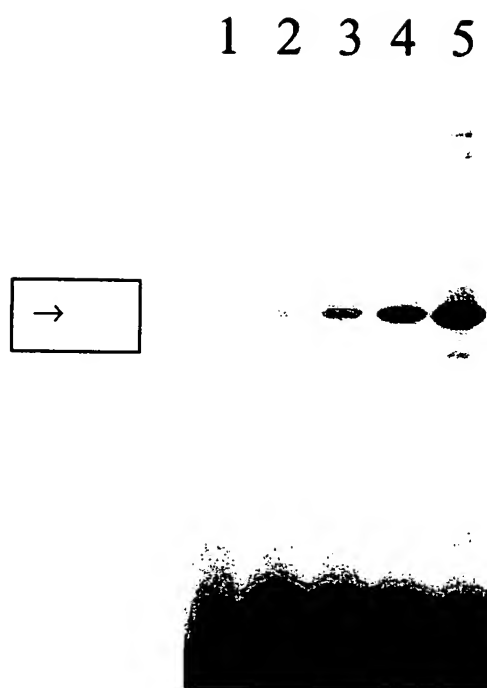


FIGURE 2

1 2 3 4 5

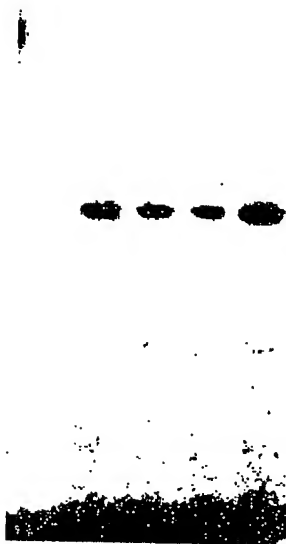


FIG. 23

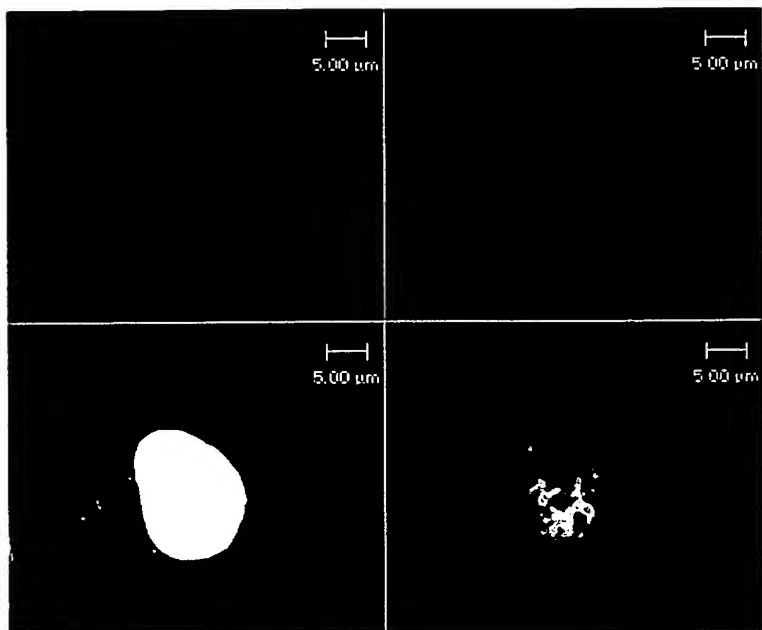


Fig 24



Fig 25

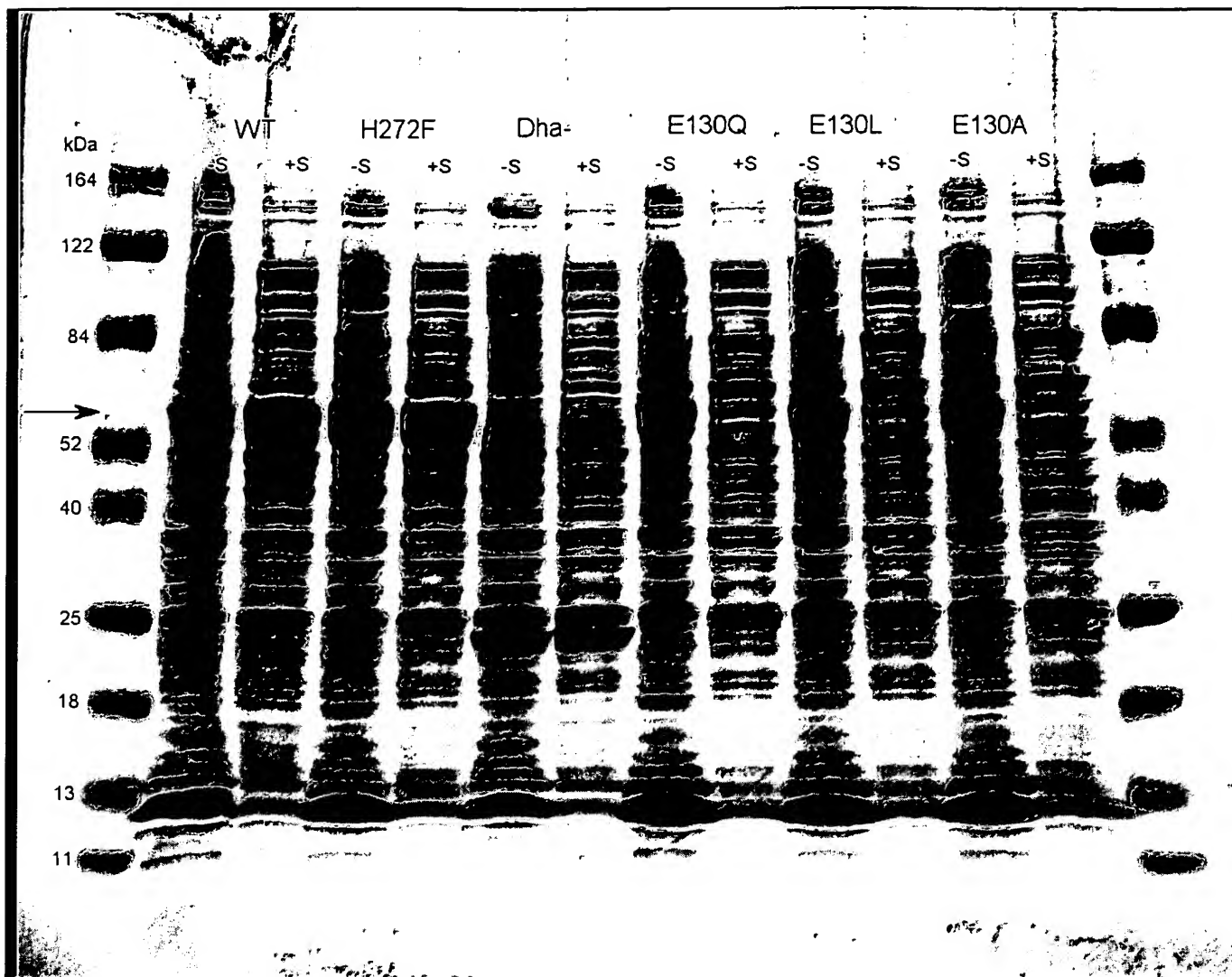


Fig 2b

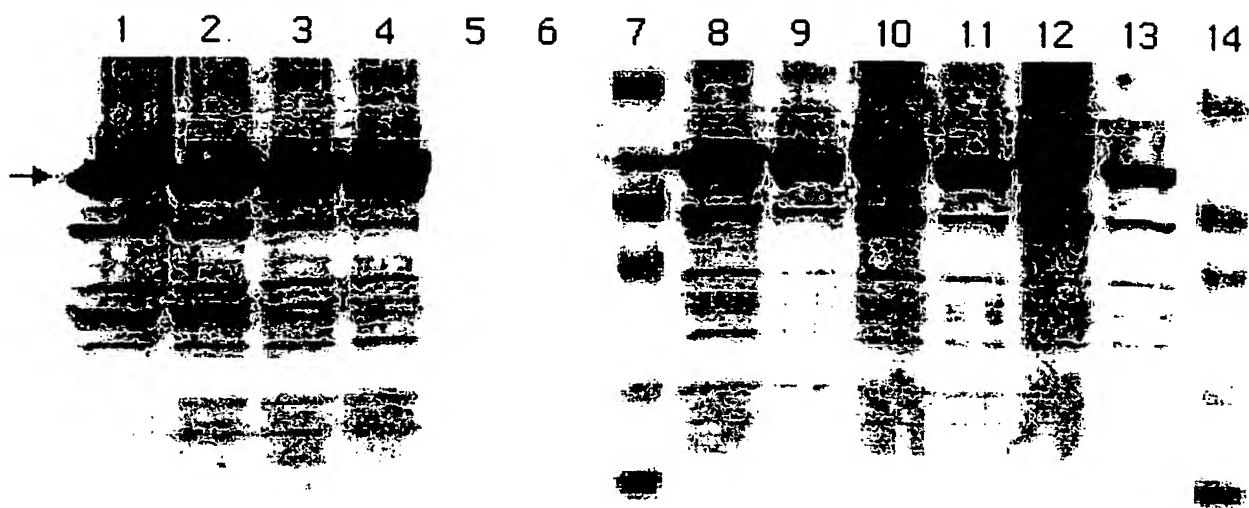


Fig 27

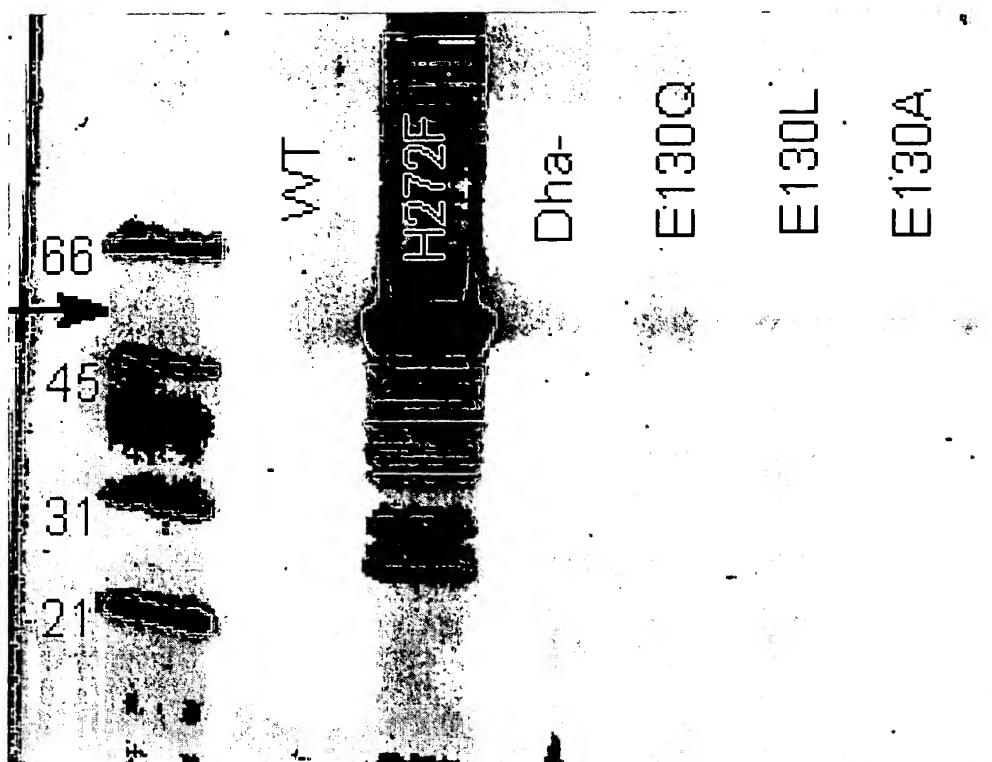


Fig 28

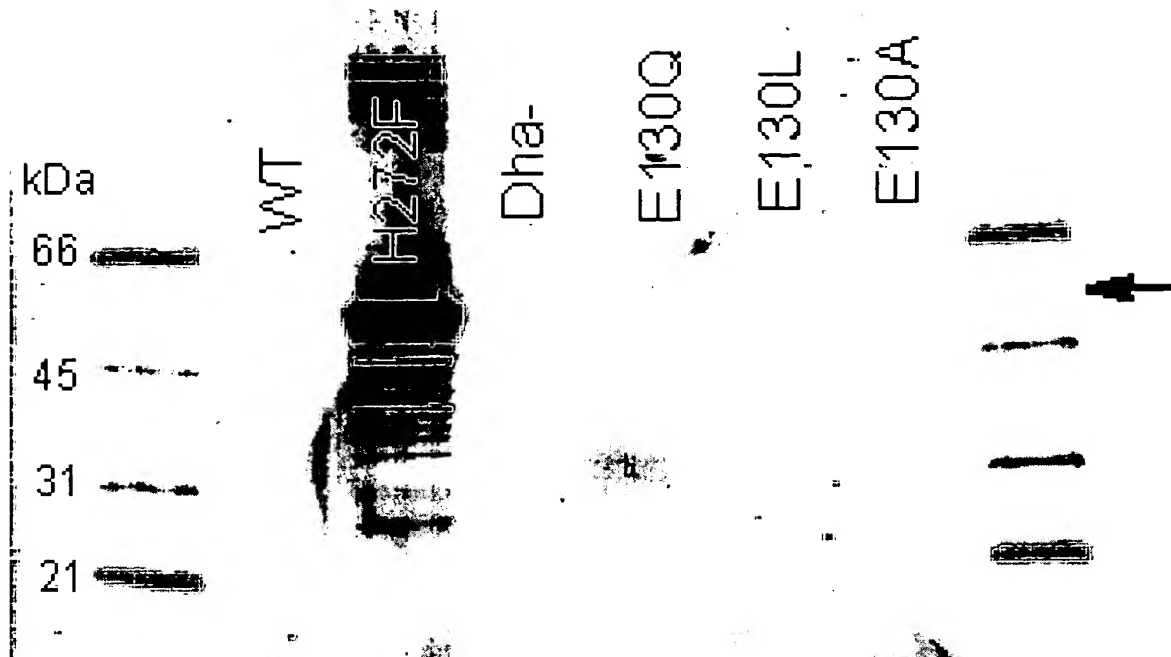


Fig 29

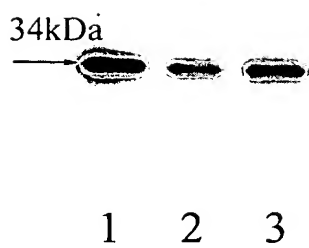


Fig 30A

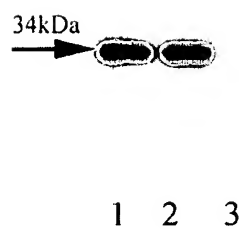


Fig 30B

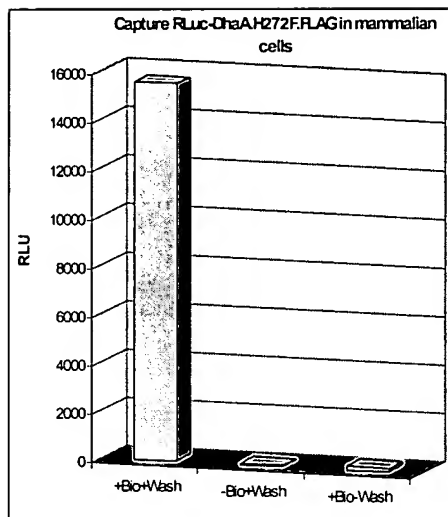


Fig 30C



Fig 30D

1 2 3